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CENTRAL INTELLIGENCE AGENCY INFORMATION REPORT

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This is UNEVALUATED Information

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

1. Research on radio-active minerals is undertaken by the Hungarian State "Loránd Eötvös" Geophysical Institute, Radio-active Section, (Magyar Állami Eötvös Loránd Geofizikai Intézet, Rádióaktív Csoport) at 2 Szabó J. utca, Budapest XIV. 25X1

2. The strength of the radioactivity section is 15 - 20, including 5 - 6 experts.¹

3. The section is equipped with 10 - 12 large Geiger counters and 5 - 6 light Geiger counters for field work. The equipment
None of it is Russian make. 25X1
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4. The section has a small laboratory at Budapest, but is not equipped for carrying out quantitative analyses. All radioactive materials are sent for analysing by chemical and physical methods to the Heavy Chemistry Institute at Veszprém, which is part of the University of the Heavy Chemicals Industry.

5. Prospecting has been conducted at the following localities:

a. Velence Hills.

Research in granite rock immediately northeast of Lake Velence (4713N1835E). Radioactivity is insufficient.

b. Komló (4611N1815E)

Research in radioactivity of hard coal mines at Komló. This is the largest research enterprise of the section. Radioactivity is insufficient.

c. Bika (4706N1734E)

Research in radioactivity of brown-coal mines.

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d. Incidental Work At Other Locations.

At all points where research has been undertaken it has been found that radioactivity is insufficient. Consequently research is not being regularly continued except at the Komló coal fields, although here too it is not thought that there is much promise of success. The sole incentive to continue is the knowledge that favorable results are being obtained in Belgium with black coal.

6. A paper on radioactive coal has been published by Professor Tibor Szalay, of the University of Debrecen where he teaches chemistry. His collaborator on the paper was Aladar Földvári, Professor of Geology at the University of Debrecen. The coal samples examined by these two came from Komló. The paper was generally accepted by Hungarian experts to be of academic interest only.
7. As far as is known, the Russians are not taking any interest in Hungarian research on radio-active minerals. There is no Soviet adviser.
8. Bruno Straub [redacted] who holds the chair of analytical chemistry at the University of Veszprém, is in charge of the examination by chemical methods of radio-active minerals (see para. 4) and attempts to establish the content of thorium, radium, and uranium. Straub considers that the radioactivity so far found in minerals in Hungary is insufficient to warrant exploitation of the ores.
9. Other experts are of the opinion that there is no probability, at present at least, of discovering fissionable material in Hungary.

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1. [redacted]

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